

Claims:

1. A multilayer film comprising the following sequence of layers:
 - 5 A) a basis layer of polyolefin foam,
 - B) a layer based on at least one of the polyolefins of the foam layer A),
 - C) optionally a tie layer based on a polyolefin
 - D) optionally an adhesive layer,
 - 10 E) optionally a gas- and/or flavortight barrier layer,
 - F) an adhesive layer,
 - G) an optionally sealable or peelable surface layer,

15 whereby the total thickness of layers A) and B) ranges from 0,5 to 2 mm and the thickness of layer B) ranges from $\frac{1}{6}$ to $\frac{1}{2}$ of the thickness of layer A).

- 2. A multilayer film according to claim 1, characterized in that the total thickness of layers A) and B) ranges from 0,6 to 1,4 mm.
- 20 3. A multilayer film according to claim 1 or 2, characterized in that the thickness of layer B) ranges from $\frac{1}{6}$ to $\frac{1}{3}$ of the thickness of layer A).
- 25 4. A multilayer film according to one or more of the claims 1 to 3, characterized in that layer A) is made of polypropylene or a mixture of polypropylene with long chain branching and a propylene-ethylene-blockcopolymer.
- 30 5. A multilayer film according to one or more of the claims 1 to 4, characterized in that layer B) is made of polypropylene or a propylene-ethylene-copolymer.

6. A multilayer film according to one or more of the claims 1 to 5, characterized in that layer C) is made of a polyolefin based on the monomer that is the main monomer of the polyolefins of foam layer A), preferably a polypropylene.

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7. A multilayer film according to one or more of the claims 1 to 6, characterized in that layer E) is made of ethylene-vinylalcohol-copolymer.

10 8. A multilayer film according to one or more of the claims 1 to 7, characterized in that layer G) is made of a sealable polymer, preferably a low density polyethylene or an ionomer and optionally contains the known additives.

15 9. A multilayer film according to one or more of claims 1 to 8, characterized in that layer G) is made of a peelable polymer, preferably a mixture of low density polyethylene and a polybutylene and optionally contains the known additives.

20 10. A multilayer film according to one or more of claims 1 to 9, characterized in that the total thickness of layers C) to G) ranges from 20 to 70 µm, preferably from 30 to 50 µm.

11. Use of the multilayer film according to one or more of claims 1 to 10
25 as packaging material.

12. Packaging item, preferably trays, made of a film according to claims 1 to 10.

30 13. Packaging items according to claim 12 used for packaging food, preferable solid food.

14. Packaging items according to claim 13 for packaging meat, sausage, cheese.

15. Use of a film according to one or more claims 1 to 10 as packaging material on form, fill and sealing packaging machines.

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